



#21/D
11/18/99
J. Miller

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Art Unit: 1646
KOPCHICK, et al.) Examiner: SAOUD, C.
Serial No.: 08/488,164) Washington, D.C.
Filed: June 7, 1995) November 8, 1999
For: DNA ENCODING GROWTH) Docket No.: KOPCHICK=1E
ANTAGONISTS)

AMENDMENT AFTER REOPENING PROSECUTION

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

S i r :

In response to the office action mailed November 6, 1998, against which a notice of appeal was lodged on May 6, 1999, and further to a request under §1.129 to withdraw the finality of that office action in order to enter this amendment, please enter the following amendments and remarks.

IN THE CLAIMS

Please amend claim 29 as follows:

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~~29 (twice amended). A purified or non-naturally occurring DNA molecule which comprise a coding sequence which encodes a growth hormone receptor antagonist which is a polypeptide which comprises an amino acid sequence comprising residues corresponding to residues 96-133 of bovine growth hormone which sequence is at least 50% identical to the amino acid sequence of a ~~first~~ reference vertebrate growth hormone, and wherein the amino acid position corresponding to amino acid Gly 119 of bovine growth hormone is an amino acid other than glycine or alanine, said polypeptide having growth hormone receptor antagonist activity, with the proviso that said polypeptide does not correspond to human growth hormone with all of the following substitutions and no others: Y111V, L113I, K115E, D116Q, E118K, E119R, G120L,~~

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